Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

SBRNO= 154/15-16

No. ***First & Final*** (For Other Works) Date...../...../2015 31/12/15

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. 303 Dated 31/12/15 Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code:**005-15-000018**

Schedule Docket No. Head of Account: P-1802 Est.Cost: **20.00 Lakhs** D.R.No.:

Name of Work (as per sanctioned estimate): **Maintenance of water supply scheme in Ward No. 05, Byatarayanapura Sub Division.**

Name of Contractor and Full Address : ***Sri H V Nagaraj (Kranthi Electricals), Contractor, Thirumala Complex, DVG Raod, Bagepalli-561207.***

Reference to Agreement No. **: EE/BTP/BBMP/E-PMT/282/2014-15** Date: **03.02.2015**

Certified that the measurements were taken by me on 31/12/15 and recorded of Pages 182961 to 182975 of measurement Book No. 1830 and that the work is satisfactorily executed.

H.V.N

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 31/12/15 .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount
   adjusted towards cash advance recovery of
   Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

1st & Final BM — 2090531=00
IT — 41811=00
VAT — 83621=00
FSD — 125432=00
LWF — 20905=00
CBF — 2091=00
Total deduction — 273860=00
By cheque — 18,16,671=00

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

2090531=00
273860=00
18,16,671=00

Initials of Officer making payment

Executive Engineer

16/6/16

Sl. No.	Descriptions	Unit
1	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.
2	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.
3	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
4	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work For 12.5HP motor	No.
5	For 15HP Motor	No.
6	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
7	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
8	Pump Bowls **P No. 44 / I No. 10.2.1) APRED SR (2010-11)**	No.
9	Intermediate Piece (I.P) With IP Leaded Bronxe bush **P No. 44 / I No. 10.2.2) APRED SR (2010-11)**	No.
10	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.
11	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.
12	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.
13	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.
14	**C) Replacement of pump parts:** The following main components of submersible pump sets requiring replacement. Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	
15	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
16	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.
17	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
18	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
19	D.O Bearing **P. No. 44 / I No. 10.2.7 PRED SR (2010-11)**	No.
20	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.
21	Allen Screw **P. No.44 / I No. 10.2.9 RDPR SR (2010-11)**	No.
22	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
23	Pump Key (Stainless Steel) **P. No. 45 / I No. 10.2.11 RDED SR (2010-11)**	No.
24	Pump Couping (Stainless Steel) **P. No. 44 / I No. 10.2.12 RDED SR (2010-11)**	No.
25	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.
26	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.
27	Strainer **P. No. 45 / I No. 10.2.15 RDED SR (2010-11)**	No.
28	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.
29	Labour Chargesw (Over Hauling Only) **P. No. 45 / I No. 10.2.18 PRED SR (2010-11)**	No.
30	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each
31	Lock Ring **P. No. 45 / I No. 10.3.11 PREC SR (2010-11)**	Each
32	a) Carbon Housing **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each
33	Top Carbon/Ferrodo padding **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	20	891.60	17832.00	20.00	17832.00	
-	-	20	944.00	18880.00	20.00	18880.00	
-	-	20	577.00	11540.00	20.00	11540.00	
-	-	5	4983.00	24915.00	5.00	24915.00	
-	-	15	3400.00	51000.00	15.00	51000.00	
-	-	20	5297.00	105940.00	20.00	105940.00	
-	-	20	4930.00	98600.00	20.00	98600.00	
-	-	300	681.00	204300.00	300.00	204300.00	
-	-	15	472.00	7080.00	15.00	7080.00	
-	-	20	367.00	7340.00	20.00	7340.00	
-	-	20	681.00	13620.00	20.00	13620.00	
-	-	20	498.00	9960.00	20.00	9960.00	
-	-	20	1206.00	24120.00	20.00	24120.00	
-	-	20	131.00	2620.00	20.00	2620.00	
-	-	20	157.00	3140.00	20.00	3140.00	
-	-	400	183.40	73360.00	400.00	73360.00	
-	-	400	445.00	178000.00	400.00	178000.00	
-	-	20	466.00	9320.00	20.00	9320.00	
-	-	10	262.00	2620.00	10.00	2620.00	
-	-	20	157.00	3140.00	20.00	3140.00	
-	-	40	26.23	1049.00	40.00	1049.00	
-	-	20	996.55	19931.00	20.00	19931.00	
-	-	20	131.00	2620.00	20.00	2620.00	
-	-	10	262.00	2620.00	10.00	2620.00	
-	-	20	1416.00	28320.00	20.00	28320.00	
-	-	20	157.00	3140.00	20.00	3140.00	
-	-	20	157.00	3140.00	20.00	3140.00	
-	-	20	262.00	5240.00	20.00	5240.00	
-	-	20	157.00	3140.00	20.00	3140.00	
-	-	20	996.55	19931.00	20.00	19931.00	
-	-	50	79.00	3950.00	50.00	3950.00	
-	-	20	472.00	9440.00	20.00	9440.00	
-	-	20	78.00	1560.00	20.00	1560.00	

34	Stud and Nuts **P. No. 45 / I No. 10.3.15 PRED SR (2010-11)**	Each
35	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush **P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)**	Each
36	Circillps **P. No. 45 / I No. 10.3.17 PREC SR (2010-11)**	Each
37	Motor Base With Pin **P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)**	Each
38	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. etc., complete and as per the directions of the Engineer-in-charge of the work	No
39	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.
40	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm	Sq.Cm
41	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A** etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
42	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
43	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr
44	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
45	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each
	Total Amount	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

-	-	50	52.00	2600.00	50.00	2600.00	
-	-	20	393.00	7860.00	20.00	7860.00	
-	-	50	52.00	2600.00	50.00	2600.00	
-	-	20	472.00	9440.00	20.00	9440.00	
-	-	2	79700.00	159400.00	2.00	159400.00	
-	-	1	15525.00	15525.00	1.00	15525.00	
-	-	22000	0.36	7920.00	22000.00	7920.00	
-	-	1000	194.00	194000.00	1000.00	194000.00	
-	-	506.25	234.00	118463.00	506.25	118463.00	
-	-	1500.00	370.00	555000.00	1500.00	555000.00	
-	-	506.25	62.00	31388.00	506.25	31388.00	
		9	1658.50	14927.00	9.00	14927.00	
				2090531.00		**2075604.00**	

2090531 = 2090531 = ok

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Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore.